

<b>2016</b>	<b>Local Oscillator</b>	<b>April</b>
	<b>Local Oscillator</b>	
<b>Mesilla Valley Radio Club</b>		

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<b>Current Events</b>			<b>Table of Contents</b>
<b>Date</b>	<b>Event</b>	<b>Time</b>	<b>K5B</b> Club Program Extra License Unclassified Club Meeting Board Minutes Treasurer Report Club Location Club Officers Membership Application
<b>Sat</b>	Informal at Cracker Barrel	6:00 AM	
<b>M, W, F</b>	Informal Wal-Mart (West)	10:00 AM	
<b>Wed</b>	MVRC Net 146.64	6:45 PM	
<b>April 2</b>	Coffee Club House	8 AM	
<b>April 2</b>	Business meeting Club House	9 AM	
<b>April 5</b>	Builder's Group Club House	7 PM	
<b>April 6</b>	Board Meeting Club House	7 PM	
<b>April 12</b>	Linux -SIG Club House	7 PM	
<b>April 19</b>	Builders Group Club House	7 PM	
<b>April 26</b>	Linux - SIG Club House	7 PM	
For more events see <a href="http://www.n5bl.org/calendar">http://www.n5bl.org/calendar</a>			



More information at <http://swantenna.com>



## Special Event Station K5B in Action

### The Articles for This Month

#### K5B

The club successfully activated a special event station, K5B, in connection with the Bataan memorial marathon on March 20. In the photo you can see four club members working pile-ups on 20 m. From left to right they are NM9K, KF5KHS, W3GWU, and KG5BVE. There was quite a bit of interest in the special event station. Some just wanted to work the station, while others were interested in the event itself.

The pile-up were usually well behaved and long lasting. If one called cq occasionally and keep working stations there was usually somebody waiting for a contact. A complete summation of the number of stations worked is not available now but it is estimated are that it was over 300.

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## Club Program for April

By N5CWW, Charlie Welch

Title: Ham Radio Before Vacuum Tubes

Description: Wireless (a.k.a. Radio) has a mostly forgotten but surprisingly sophisticated history before the advent of vacuum tubes. Along the way to understanding how radio was done before tubes we'll learn the origins of some of our current ill-fitting terminology. We'll end with very timely comments.

## Why You Should Get Your Extra Class License

KB6NU

The Amateur Extra Class license is the highest class of license in the United States, and perhaps the world. Many hams—even hams that live outside the U.S.—aspire to pass the test and be awarded one.

There wasn't always an Amateur Extra Class license. The Extra class license, as we know it today, was created as part of the 1951 license restructuring, that also created the Novice and Technician Class licenses. (In 1951, the Novice license was the "beginner's license." To get a Technician Class license, you had to pass the written test that General Class operators had to pass.)

Although it gave an operator no additional privileges, to get an Extra Class license, one had to:

- \* Pass a 20 wpm code test (Generals had to pass only a 13 wpm code test).

- \* Pass a longer and more difficult written examination than the General Class exam.

- \* Have at least two years of experience as a licensed radio amateur.

Today, without the code test and the experience requirement, many hams upgrade to Extra Class as soon as they can. Some even pass the Technician Class, General Class, and the Amateur Extra Class exams in a single test session.

So, what's the attraction? Why should you upgrade to Extra?

One of the reasons that you should upgrade to Extra is that you get use of the entire 80 m, 40 m, 20 m, and 15 m bands. Portions of those bands, such as 3.6 – 3.7 MHz in the 75m band and 14.150 – 14.175 Mhz in the 20m phone band, are reserved exclusively for Extra Class licensees. Extra Class operators also have exclusive privileges in the CW portions of the 80 m, 40 m, 20 m, and 15 m bands. These are the frequencies where the DX stations hang out.

Another reason to get your Extra Class license is that only Extra Class licensees can administer General Class and Extra Class license exams. General Class operators can become Volunteer Examiners (VEs), but they are only allowed to administer Technician Class exams.

Another reason you might want to get an Extra Class license is to get a fancy vanity callsign. Only Extra Class operators can apply for 1×2 or 2×1 callsigns,

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such as W8RP or KT8K. A short, snappy callsign can help you work more DX or improve your contest scores.

Whatever your reason, studying for the Extra Class exam will open your eyes to many aspects of the hobby that you may not be familiar with. And, as you work your way through the material, you'll learn things that make you a better amateur radio operator and enable you to enjoy the hobby more. It's not easy, but in the end, an Extra Class license will help you have more fun with amateur radio.

## Unclassified

For Sale

I have a brand new HYGAIN HAM 4 Rotator with the heavy duty mast bracket And 100 feet of 8 wire Heavy duty Rotator wire... in the factory box.

List price on items:

Ham IV Rotator, control box and hardware \$599.95

MSHD Lower Mast clamp bracket and hardware \$99.95

100 feet of Heavy Duty 8 wire Rotator Cable \$169.00

I want to get \$550 for the whole package  
WA5DJJ

## Monthly Club Meeting

KE5JWC

### MESILLA VALLEY RADIO CLUB MINUTES GENERAL MEETING 03-05-16

Club Meet and Greet: 8:00AM to 9:00AM

Educational Program: Charles Combs **KG5BVE**, and Kyle Gesswein **KY2LE**, gave a presentation on constructing Web Sites. The presentation was well presented and interesting. Questions you may have regarding this subject may be referred to Charles or Kyle.

At 0945 Club President Sven Breden **K5SHB** called the Business Meeting to order. Sven is putting the final touches on a new club brochure which looks very promising and professional. Sven advised that the Bean Feed has been moved to May 7th, 2016. Please go through your shack and storage for any items you may want to donate to the Bean Feed to benefit the MVRC.

Club Treasurer Hugo Costa **N1MEX** was unavailable for the meeting.

Cash Olsen **KD5SSJ**, Education, discussed the proposal to replace the club TV with a new monitor 65 inches in size. The new monitor would better facilitate

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member viewing and club presentations and can be purchased for under \$1000.00. Cash has already discussed this at the previous board meeting. The club will be voting on this purchase in the upcoming May General/Business Meeting. Cash also advised that there has been a request for Technical License classes by the Elephant Butte Irrigation District. These classes will probably be held September/October after the irrigation season.

Bob Bennett **AD5LJ**, Building Manager, was unavailable for this meeting as he was paying his respects at a funeral.

Past President Rob Truitt **KE5OFK** advised that all repeater's are up and running and the BBHN Ham Mesh Net is alive and well. Rob advised he triggers the repeater daily and if any member runs in to problems with the club's repeaters he can be contacted at [robhtruitt@zianet.com](mailto:robhtruitt@zianet.com).

Perry Steinman **KC7VHS**, VE Coordinator, advised that VE Testing could scheduled (usually) on a 24 hour basis.

Charles Combs **KG5BVE** advised he is still looking for volunteers for the Bataan Death March SE Station.

Charles Welch **N5CWW** reminded the club that the location of the Branigan Displays for the September Special Event is not the Branigan Library but the Branigan Center at the downtown mall. Charles will be doing a club presentation at the May meeting covering radio history from 1865 to 1915. This sounds like a presentation that should be of great interest to the club members.

George Kopp **KD5OHA** Race Coordinator reminded the club of the Wednesday Night Net at 6:45 PM on the club repeater and the Friday 9:00 AM Department of Health net on the MegaLink. All hams may check in to this net. George also advised that WSMR would be holding a military exercise in conjunction with the march and extra security precautions could delay the race.

Evans Ralston **KF5DNI** commented that the presentation, Shack Automation, given by Cash in Albuquerque was very well received and gave kudos to Cash.

Terry Angle **AE5XI** suggested the club set up IRLP and Echo-Link/VOIP at the club.

Harvey Baldwin **W0RUG** asked that any members interested in obtaining a new (old style) club windbreaker should contact him. He displayed a club jacket and

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a club hat and said the jacket price would be \$35.00, or less, depending on the amount ordered. Jackets would be provided in one color only to maintain uniformity but hats could be ordered in any color. Contact Harvey ASAP if interested. [hhbaldwin@q.com](mailto:hhbaldwin@q.com)

## Monthly Board Meeting

KE5JWC

### MESILLA VALLEY RADIO CLUB MINUTES BOARD MEETING 03-09-16

Meeting called to order: 7:05PM

Board members:

Sven Breden <b>K5SHB</b>	Member
John Cruddas <b>KE5JWC</b>	Member
Hugo Costa <b>N1MEX</b>	Member
Cash Olsen <b>KD5SSJ</b>	Member
Bob Bennett <b>AD5LJ</b>	Member
Alex Burr <b>KX5Y</b>	Member
Robert Truitt <b>KE5OFK</b>	Member (Not Present)
Terry Wood <b>KF5SMQ</b>	Member (Not Present)

Also present:

George Kopp **KD5OHA**  
Charles Combs **KG5BVE**  
Randy Adamson **KE5EMP**

Sven called the meeting to order at 7:12 PM.

Bob reported that all the old locks for the club had been sold and the funds provided to the treasurer. He still has keys to provide upon request. He is looking for your donated items for the upcoming Bean Feed.

Hugo presented the treasurer's report for February 2016 and explained that the item of \$105 in the Income Details was listed under dues but was actually a donation to the Repeater Fund. In March he deposited \$650.00 in dues which he said were from approximately 12 to 18 member renewals. He advised that the club has the funds to support a monitor purchase of up to \$1000. The matter will be



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voted on in the April meeting. He also checked on the NMSU Endowment of \$500.00 scholarships and said there is approximately \$50,000 in that fund for future endowments. He expected MRVDA to be cleared of contractual work in early April and would offer a special tour for the MVRC Membership.

Alex advised that he continues to seek articles for the Oscillator. All members are encouraged to participate in this endeavor. Many of you have great knowledge to impart to the membership. He also said that the club minutes are important for keeping the membership informed. He suggested that the club could participate in additional events such as the upcoming NM QSO Party and the ongoing National Parks On The Air special events.

Cash discussed his efforts in finding the best deal for the club on a 65 Inch Monitor for the club's Education and Presentation activities. It was agreed that this matter would go to membership vote at the next General/Business Meeting in April. He also discussed the tentative Technical Classes for the Rio Grande Irrigation District which will be held in the September-October time frame when the irrigation season ends.

Charles provided updated information on the progress of the Branigan SE and advised he was still attempting to get a call sign for the event. ARRL advised a call sign could not be issued for more than 15 days for a SE but they are looking at options and work-arounds.

George advised that the WSMR is accepting NM Drivers Licenses for entry to the Bataan SE but security may be tighter and access slower.

At 8:00 PM Sven called the meeting to a close.

## **Treasurer Report**

N1MEX

See the next page



## Mesilla Valley Radio Club

### Treasurer's Report – February 2016

#### Account Balances Ending February 29, 2016:

Checking:	\$11,410.42	Total Deposits 1/1/16-2/29/16:	\$ 326.39
Savings:	\$ 5,403.36	Total Withdrawals 1/1/16-2/29/16:	\$ 1,066.47
Savings (Ed):	\$ 1,657.83	Annual Interest Rate on Savings =	0.03%
Accounts Total:	\$18,471.61		

FUND	DONATIONS RECEIVED	FUNDS EXPENDED	FUND BALANCE
Building Fund	\$0.00	\$0.00	\$457.96
Repeater Fund	\$105.00	\$0.00	\$1,134.00

#### Mesilla Valley Radio Club BUDGET - 2016

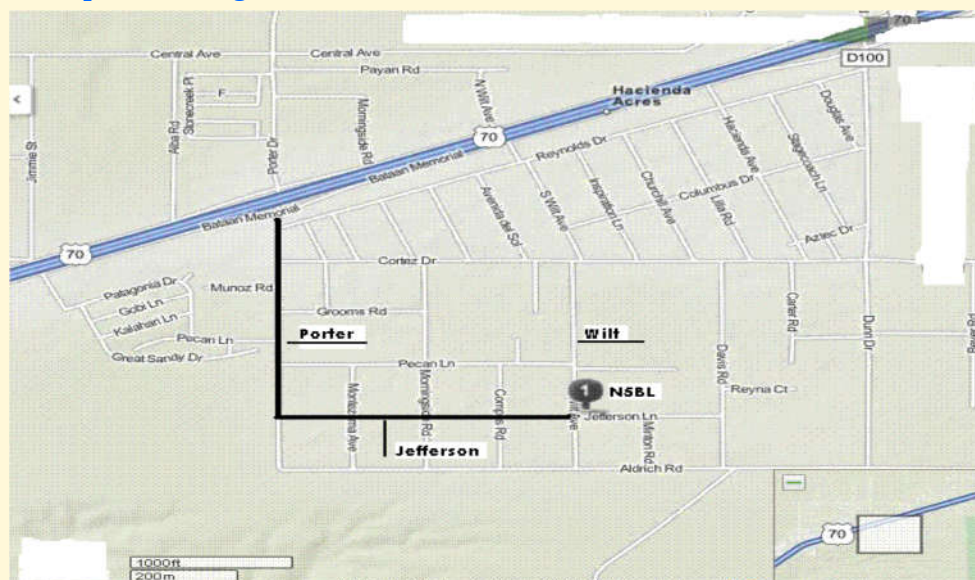
Month/Year: February 2016

SUMMARY	ACTUAL	BUDGETED	OVER BUDGET	UNDER BUDGET
Total income	326.39	7,203.00		-6,876.61
Total expenses	1,066.47	6,835.00		-5,768.53
Income less expenses:	-740.08	368.00		-1,108.08
INCOME DETAILS	ACTUAL	BUDGETED	OVER BUDGET	UNDER BUDGET
Bean Feed		2,500.00		-2,500.00
Breakfast/Refreshments		200.00		-200.00
Donations (Building Fund)		1,000.00		-1,000.00
Donations (Repeater Fund)	105.00	1,000.00		-895.00
Dues		2,000.00		-2,000.00
Equipment Sales (Non-Bean Fd)	221.39	500.00		-278.61
Interest Income		3.00		-3.00
Total income:	326.39	7,203.00		-6,876.61
EXPENSE DETAILS	ACTUAL	BUDGETED	OVER BUDGET	UNDER BUDGET
Awards/Donation		250.00		-250.00
Banking Fees		60.00		
Bean Feed		250.00		-250.00
Breakfast/Refreshments	10.80	200.00		-189.20
Building Supplies/Expenses		1,000.00		-1,000.00
Insurance (Building & Liability)	800.00	800.00		
Office Supplies	16.24	100.00		-83.76
P.O. Box/Web Site		175.00		-175.00
Property Taxes		1,350.00		-1,350.00
QSL/Events		200.00		-200.00
Repeaters/Radio Equipment	100.00	800.00		-700.00
Utilities	139.43	1,300.00		-1,160.57
Unclassified		100.00		-100.00
Travel Expenses		250.00		-250.00
Total expenses:	1,066.47	6,835.00		-5,768.53



## CLUB INFORMATION

The MVRC Clubhouse is located at the intersection of Wilt and Jefferson. To find the clubhouse, set your destination on your GPS receiver as 32 degrees 22.961 minutes and -106 degrees 41.44 minutes. If you don't own a GPS, take the Porter exit near the firehouse on US 70. It is about 5 miles east from the I 25 interchange. Go south on Porter until you come to Jefferson. There turn left toward the mountains and go to Wilt. You will see the beam on the corner. The treasurer would be delighted to receive your contribution for landscaping and furnishing. More information at <http://n5bl.org>



### Officers

Office	Name	Call	Phone	E-Mail
President	Sven Breden	K5SHB	655-0414	<a href="mailto:sven.breden@gmail.com">sven.breden@gmail.com</a>
VP				
Secretary				
Treasurer	Hugo Costa	N1MEX	644-9211	<a href="mailto:n1mex@arrl.net">n1mex@arrl.net</a>
Board Members				
	Cash Olsen	KD5SSJ	382-1917	<a href="mailto:kd5ssj@arrl.net">kd5ssj@arrl.net</a>
	Bob Bennett	AD5LJ	382-0148	<a href="mailto:rpbennett1@comcast.net">rpbennett1@comcast.net</a>
	Alex. Burr	K5XY	522-2528	<a href="mailto:k5xy@arrl.net">k5xy@arrl.net</a>
	Robert Truitt	KE5OFK	649-4173	<a href="mailto:robhtruitt@zianet.com">robhtruitt@zianet.com</a>
	George Kopp	KD5OHA	525-1956	<a href="mailto:geokd5oha@yahoo.com">geokd5oha@yahoo.com</a>
	Terry Wood	KF5SMQ		

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# **JOIN THE CLUB**

To join the Mesilla Valley Radio Club, renew your membership, or to support the repeaters, please print, cut out, and complete the form below. Send it with dues (\$35 single, \$45 family per year. to: Treasurer, MVRC, Box 1443, Las Cruces, NM 88004.

## **MESILLA VALLEY RADIO CLUB**

CALL SIGN(S) \_\_\_\_\_ FAMILY yes \_\_\_\_\_ no \_\_\_\_\_

LICENSE CLASS (E, A, G, T, N) \_\_\_\_\_

ARRL (Y/N) \_\_\_\_\_

ARRL VE (Y/N) \_\_\_\_\_

Would you like to be added to the MVRC reflector? \_\_\_\_\_

NAME \_\_\_\_\_

EMAIL \_\_\_\_\_

STREET ADDRESS \_\_\_\_\_

CITY & ZIP \_\_\_\_\_ PHONE \_\_\_\_\_ (OPTIONAL)

INTERESTS – Computer \_\_\_\_\_ Contests \_\_\_\_\_ Digital \_\_\_\_\_ Elmer \_\_\_\_\_ Emergency Communications \_\_\_\_\_ Field Day \_\_\_\_\_

Packet \_\_\_\_\_ Programs \_\_\_\_\_ Public Service \_\_\_\_\_ Publicity \_\_\_\_\_ RFI \_\_\_\_\_ Repeater \_\_\_\_\_ Social \_\_\_\_\_ License Classes \_\_\_\_\_

Teach License Classes \_\_\_\_\_ Volunteer Examiner \_\_\_\_\_ Other \_\_\_\_\_

SINGLE \$35 FAMILY \$45